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Int onal Application No PCT/US2004/034040

a. classification of subject matter IPC 7 H01B1/22 C09D5/24 C09D11/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01B CO9D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant passages Relevant to daim No. Category ' 1-26 DE 101 10 450 A1 (GROS, GEORG) X 19 September 2002 (2002-09-19) page 2, line 5 - line 68; table 1 1-26 DE 40 11 867 A1 (HERBERTS GMBH, 5600 X WUPPERTAL, DE) 17 October 1991 (1991-10-17) claims 1-8; examples 8-12 1-26 WO 03/078531 A (UNITECH CORPORATION, LLC; X LEGRANDE, WAYNE, B) 25 September 2003 (2003-09-25) examples 1-6 1 - 28US 5 061 551 A (DURAND ET AL) Υ 29 October 1991 (1991-10-29) column 4, line 21 - column 28, line 54 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person sidiled O document referring to an oral disclosure, use, exhibition or in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 17/02/2005 9 February 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Marsitzky, D

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